Drug

ID	Last dose	Drug model
imatinib	300.00 mg	ch.tucuxi.imatinib.gotta2012

Contacts

 Mandator   **Patient**

		Mandator	Patient
	ID	asdf	123456
	Name	Dr. John Doe	Ms. Alice Aupaysdesmerveilles
	Address	Av. de l'Ours 2 1010 Lausanne Vaud Suisse	Av. d'Ouchy 27 1006 Lausanne Vaud Suisse
	Phone	0213140002 (professional)	0216170002 (professional)
	Email	john.doe@chuv.com (professional)	alice.apdm@gmail.com (private)
	ID	456789	123
	Name	CHUV	EHNV
	Address	Av. de l'Ours 1 1010 Lausanne Vaud Suisse	Av. des Bains 34 1400 Yverdon-les-Bains Vaud Suisse
	Phone	0213140001 (private)	987654321 (professional)
	Email	info@chuv.com (professional)	info@ehnv.com (private)

Clinical data

Numero de chambre	404
Une note	le contenu de la note

Covariates

Age	**Value:** 32 (patient)	**Date:** 11.7.2018
Age of the patient, in years		
GIST	**Value:** No (default)	
Gastrointestinal stromal tumour		

Sex	**Value:** Undefined (default)	
Sex of the patient		
Total Body Weight	**Value:** 50.00 kg (patient)	**Date:** 6.7.2017
Total body weight of patient, in kilogramms		
Total Body Weight	**Value:** 40.00 kg (patient)	**Date:** 6.7.2018
Total body weight of patient, in kilogramms		

⚠ The body weight shall be in the interval [44,100].

Treatment

From 1.7.2018 8h   **To** 6.7.2023 8h

● **Posology:** 600.00 mg (oral), daily at 10h

⚠ Maximum recommended dosage reached (400.00 mg)

From 6.7.2018 8h   **To** 8.7.2023 8h
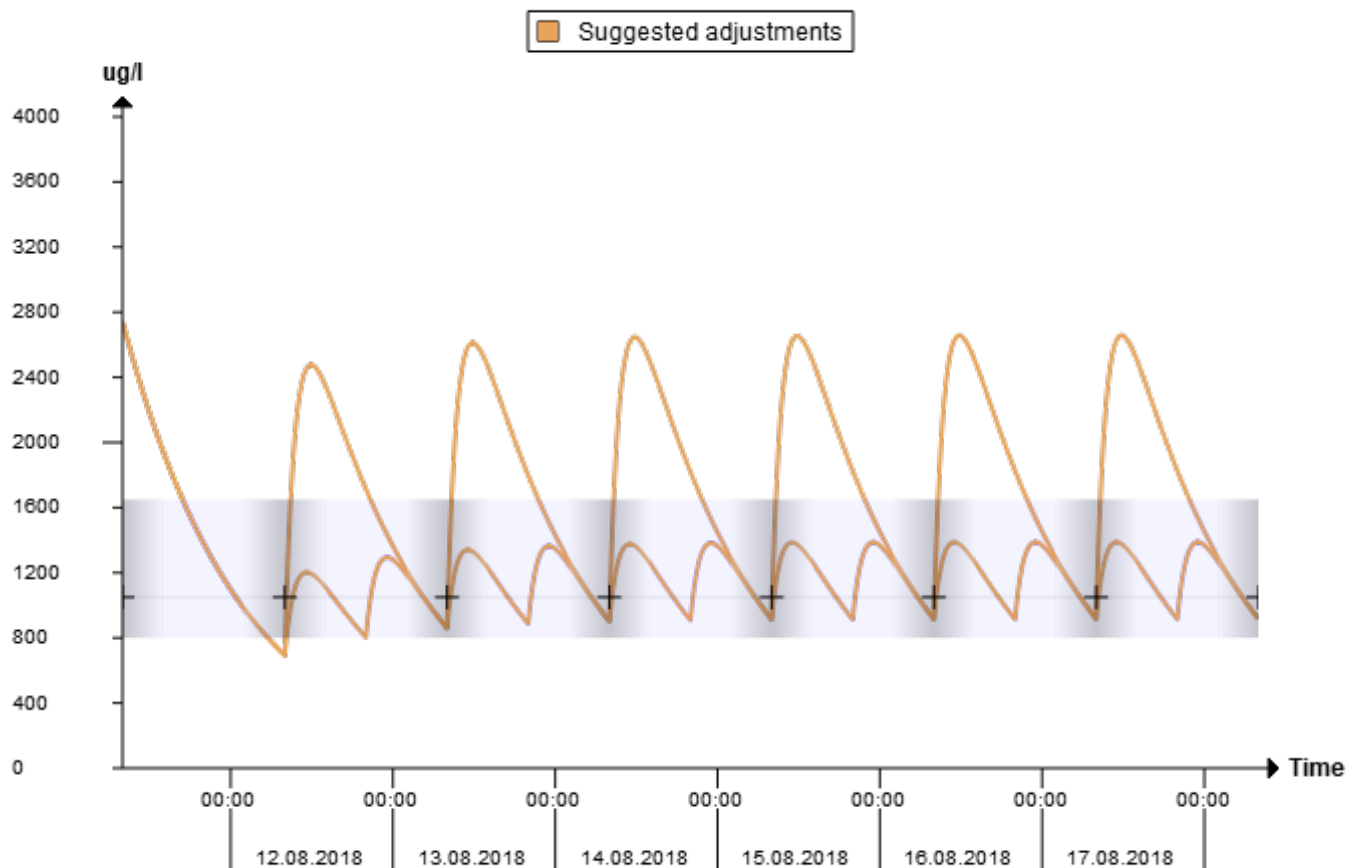**Type:** continually

● **Posology:** 300.00 mg (oral), interval 12h

Samples

Date: 7.7.2018 6h	**Measure:** 0.7 mg/l	**Percentile:** 33
Date: 8.7.2018 6h	**Measure:** 5 mg/l	**Percentile:** 100

⚠ 99% of the population is below this measure

Date: 9.7.2018 6h   **Measure:** 2.5 mg/l   **Percentile:** 93

⚠ 92% of the population is below this measure

Adjustments found

Based on the above information, the following adjustments are relevant to achieve the targets.

Per interval

Displayed adjustments

Score: 0.86 / 1

From: 11.7.2018 8h   **To:** 12.7.2018 8h

● **Posology:** 0.00 ug (oral), interval 24h, 1 time(s)

From: 12.7.2018 8h   **To:** 18.7.2018 8h

● **Posology:** 300.00 mg (oral), interval 24h, 7 time(s)

Score: 0.86 / 1

From: 11.7.2018 8h   **To:** 12.7.2018 8h

● **Posology:** 0.00 ug (oral), interval 24h, 1 time(s)
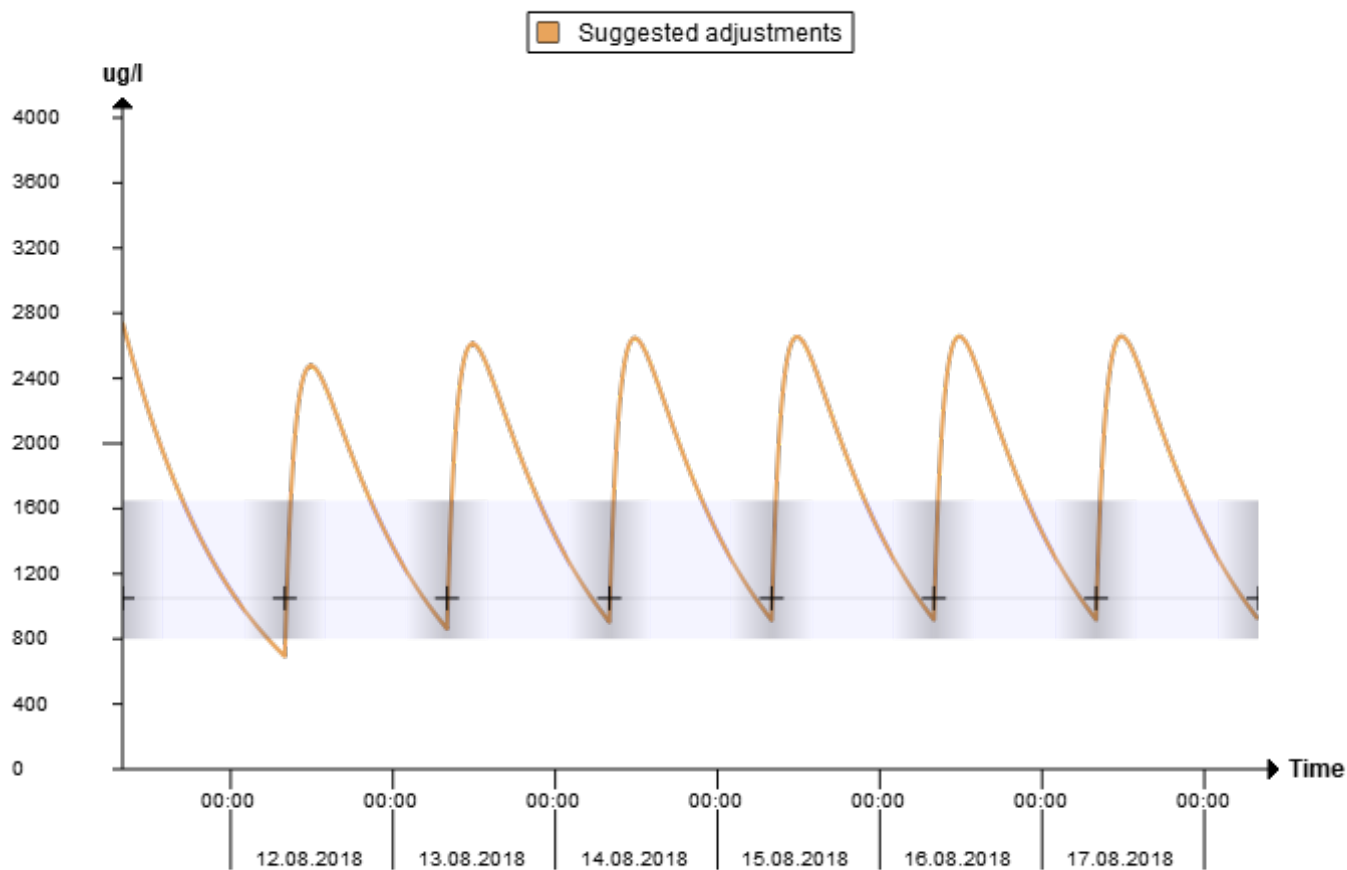
From: 12.7.2018 8h   **To:** 18.7.2018 8h

● **Posology:** 100.00 mg (oral), interval 12h, 14 time(s)

Adjustment suggested

Considering the above information, TuberXpert recommends the following adjustment.

Displayed adjustment

Score: 0.86 / 1

From: 11.7.2018 8h   **To:** 12.7.2018 8h

● **Posology:** 0.00 ug (oral), interval 24h, 1 time(s)

From: 12.7.2018 8h   **To:** 18.7.2018 8h

● **Posology:** 300.00 mg (oral), interval 24h, 7 time(s)

With the best suggestion, the targets are expected to change as follows.

Type	Value (unit)	Score
● Residual	0.92 (mg/l)	0.86 / 1
Inefficacy: 0 / **Min: 800 / Best: 1050 / Max: 1650 /** Toxicity: 10000		

Pharmacokinetic parameters

	Typical patient	A priori	A posteriori
● CL	15.11	15.35	6.98
● F	1.00	1.00	1.00
● Ka	0.61	0.61	0.61

| ● | V | 347.00 | 347.00 | 121.78 |

Predictions

Extrapolated steady state AUC24	42967.12 µg*h/l
Steady state peak	2657.54 µg/l
Steady state residual	919.02 µg/l

Covariates used for computation

Covariate	Value
● Age	28.00
● Total Body Weight	40.25
● GIST	No
● Sex	Undefined